

Title (en)
METHOD AND MOTOR VEHICLE COMPRISING A CONTROL DEVICE FOR CONTROLLING AT LEAST ONE VIBRATION DAMPER OF THE MOTOR VEHICLE

Title (de)
VERFAHREN UND KRAFTFAHRZEUG MIT EINER STEUERVORRICHTUNG ZUM STEUERN ZUMINDEST EINES SCHWINGUNGSDÄMPFERS DES KRAFTFAHRZEUGS

Title (fr)
PROCÉDÉ ET VÉHICULE AUTOMOBILE COMPRENANT UN DISPOSITIF DE COMMANDE POUR COMMANDER AU MOINS UN AMORTISSEUR DE VIBRATIONS DU VÉHICULE AUTOMOBILE

Publication
EP 3463940 B1 20220420 (DE)

Application
EP 17725249 A 20170523

Priority

- DE 102016209929 A 20160606
- EP 2017062388 W 20170523

Abstract (en)
[origin: WO2017211583A1] The invention relates to a method for operating a control device (17) for a driving method and control device for controlling at least one vibration damper of a motor vehicle method and to a control device for controlling at least one vibration damper of a motor vehicle unit (11) of a motor vehicle (10), wherein a situation signal (18) which signals a predetermined, current and/or planned vehicle movement dynamic situation is received and a respective actuation signal for setting a damper hardness of at least one vibration damper (12) of the chassis (11) is generated as a function of the situation signal (18) and is output to an actuation unit (15) of the respective vibration damper (12). The invention provides that at least one configuration value for configuring a force buildup which is brought about by means of the set damper hardness is used as the basis for generating the respective actuation signal (16), wherein a class signal (24), which specifies a respective tyre class of a tyre (14) which is held by the respective vibration damper (12) is received by the control device (17) for each vibration damper (12), and the at least one configuration value for the actuation signal (16) of the vibration damper (12) is set as a function of the class signal (24) of the tyre (14).

IPC 8 full level
B60G 17/08 (2006.01); **B60C 23/00** (2006.01); **B60G 17/016** (2006.01); **B60G 17/018** (2006.01)

CPC (source: EP)
B60G 17/016 (2013.01); **B60G 17/018** (2013.01); **B60G 17/08** (2013.01); **B60G 2400/102** (2013.01); **B60G 2400/104** (2013.01); **B60G 2400/52** (2013.01); **B60G 2400/94** (2013.01); **B60G 2500/10** (2013.01); **B60G 2600/042** (2013.01); **B60G 2800/916** (2013.01); **B60G 2800/984** (2013.01)

Citation (examination)

- DE 102005014237 A1 20061005 - DAIMLER CHRYSLER AG [DE]
- DE 10120918 A1 20021031 - CONTINENTAL AG [DE]
- DE 10010306 A1 20010913 - PORSCHE AG [DE]
- DE 4126078 A1 19930211 - FICHTEL & SACHS AG [DE]
- EP 1536957 A2 20050608 - CONTINENTAL TEVES AG & CO OHG [DE]
- DE 102014217307 A1 20150305 - HITACHI AUTOMOTIVE SYSTEMS LTD [JP]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102016209929 A1 20171207; **DE 102016209929 B4 20200604**; CN 109311361 A 20190205; CN 109311361 B 20220415; EP 3463940 A1 20190410; EP 3463940 B1 20220420; WO 2017211583 A1 20171214

DOCDB simple family (application)
DE 102016209929 A 20160606; CN 201780033459 A 20170523; EP 17725249 A 20170523; EP 2017062388 W 20170523